

CLAIMS

What is claimed is:

1. An adjustable angle magazine for use with a nail gun, comprising:
 - a housing including a first end, a second end and a top side, the housing for storing nails and providing nails to a nail driving assembly of the nail gun;
 - an adjustment assembly disposed proximal to the second end of the housing, the adjustment assembly for affixing the position of the housing relative to the nail gun; and
 - a universal adapter assembly coupled with the first end of the housing, the universal adapter assembly for pivotally coupling with the nail driving assembly,
 - a top loading mechanism disposed upon the housing, the top loading mechanism for enabling the loading of the nail into the housing;
 - wherein the top loading mechanism enables the loading of the nails into the housing through the top side of the housing.
2. The adjustable angle magazine of claim 1, further comprising a lockout assembly for hindering the nail driving assembly from operating.
3. The adjustable angle magazine of claim 2, wherein the lockout assembly is a trigger lockout assembly.
4. The adjustable angle magazine of claim 2, further comprising a cover coupled with the housing, wherein the cover is removable from the housing.
5. The adjustable angle magazine of claim 4, wherein the lockout assembly is a cover lockout assembly.
6. The adjustable angle magazine of claim 1, wherein the adjustable angle magazine further comprises a pick-off pivot assembly.

7. The adjustable angle magazine of claim 1, wherein the adjustable angle magazine further comprises an articulating pusher assembly.
8. The adjustable angle magazine of claim 1, wherein the adjustable angle magazine further comprises a nail checker assembly.
9. The adjustable angle magazine of claim 1, wherein the adjustable angle magazine further comprises a nail lockout assembly.
10. The adjustable angle magazine of claim 1, wherein the adjustable angle magazine further comprises a nail spacing verification assembly.
11. The adjustable angle magazine of claim 1, wherein the adjustable angle magazine further comprises a nail shank pawl assembly.
12. The adjustable angle magazine of claim 1, wherein the adjustable angle magazine further comprises a pinion nail verification assembly.
13. The adjustable angle magazine of claim 1, wherein the nail gun is selected from the group consisting of a spring-loaded nail gun, a pneumatic nail gun, an electro-magnetic nail gun, a combustion nail gun, and a motor driven nail gun.
14. The adjustable angle magazine of claim 1, wherein the nail gun further comprises a clutch assembly.

15. An adjustable angle magazine for use with a nail gun, comprising:
 - a housing including a first end and a second end, the housing for storing nails and providing nails to a nail driving assembly of the nail gun;
 - a cover including a first side, the cover coupled with the housing and for providing protection to the housing;
 - an adjustment assembly disposed proximal to the second end of the housing, the adjustment assembly for affixing the position of the housing relative to the nail gun; and
 - a universal adapter assembly coupled with the first end of the housing, the universal adapter assembly for pivotally coupling with the nail driving assembly,
 - a side loading mechanism disposed on the first side of the cover, the side loading mechanism for enabling the loading of the nails,
wherein the side loading mechanism enables the loading of the nails through the first side of the cover and into the housing.
16. The adjustable angle magazine of claim 15, further comprising a lockout assembly for hindering the nail driving assembly from operating.
17. The adjustable angle magazine of claim 16, wherein the lockout assembly is a trigger lockout assembly.
18. The adjustable angle magazine of claim 16, wherein the lockout assembly is a cover lockout assembly.
19. The adjustable angle magazine of claim 15, wherein the cover is removable from the housing.
20. The adjustable angle magazine of claim 15, wherein the adjustable angle magazine further comprises a pick-off pivot assembly.

21. The adjustable angle magazine of claim 15, wherein the adjustable angle magazine further comprises an articulating pusher assembly.
22. The adjustable angle magazine of claim 15, wherein the adjustable angle magazine further comprises a nail checker assembly.
23. The adjustable angle magazine of claim 15, wherein the adjustable angle magazine further comprises a nail lockout assembly.
24. The adjustable angle magazine of claim 15, wherein the adjustable angle magazine further comprises a nail spacing verification assembly.
25. The adjustable angle magazine of claim 15, wherein the adjustable angle magazine further comprises a nail shank pawl assembly.
26. The adjustable angle magazine of claim 15, wherein the adjustable angle magazine further comprises a pinion nail verification assembly.
27. The adjustable angle magazine of claim 15, wherein the nail gun is selected from the group consisting of a spring-loaded nail gun, a pneumatic nail gun, an electro-magnetic nail gun, a combustion nail gun, and a motor driven nail gun.
28. The adjustable angle magazine of claim 15, wherein the nail gun further comprises a clutch assembly.

29. An adjustable angle nail gun, comprising:
 - a handle including a first end and a second end, the second end coupled with a fastening assembly;
 - a nail driving assembly coupled with the first end of the handle, the nail driving assembly including a driver blade, the nail driving assembly for driving a nail;
 - an adjustable angle nose casting assembly coupled with the nail driving assembly, the adjustable angle nose casting assembly for receiving the nail and enabling the operational engagement of the driver blade with the nail;
 - an adjustable angle magazine including a top side, a first end coupled with a universal adapter assembly for pivotally coupling with the adjustable angle nose casting assembly, and an adjustment assembly disposed proximal to a second end of the adjustable angle magazine, the adjustment assembly for coupling with the fastening assembly, the adjustable angle magazine for storing and providing the nail to the adjustable angle nose casting assembly; and
 - a top loading mechanism disposed upon the top side of the adjustable angle magazine, the top loading mechanism for enabling the loading of the nail into the housing;

wherein the top loading mechanism enables the loading of the nails into the adjustable angle magazine through the top side.
30. The adjustable angle nail gun of claim 29, further comprising a lockout assembly for hindering the nail driving assembly from operating.
31. The adjustable angle nail gun of claim 30, wherein the lockout assembly is a trigger lockout assembly.
32. The adjustable angle nail gun of claim 30, wherein the lockout assembly is a cover lockout assembly.

33. The adjustable angle nail gun of claim 29, wherein the adjustable angle magazine further comprises a pick-off pivot assembly.
34. The adjustable angle nail gun of claim 29, wherein the adjustable angle magazine further comprises an articulating pusher assembly.
35. The adjustable angle nail gun of claim 29, wherein the adjustable angle magazine further comprises a nail checker assembly.
36. The adjustable angle nail gun of claim 29, wherein the adjustable angle magazine further comprises a nail lockout assembly.
37. The adjustable angle nail gun of claim 29, wherein the adjustable angle magazine further comprises a nail spacing verification assembly.
38. The adjustable angle nail gun of claim 29, wherein the adjustable angle magazine further comprises a nail shank pawl assembly.
39. The adjustable angle nail gun of claim 29, wherein the adjustable angle magazine further comprises a pinion nail verification assembly.
40. The adjustable angle nail gun of claim 29, wherein the adjustable angle nail gun is selected from the group consisting of a spring-loaded nail gun, a pneumatic nail gun, an electro-magnetic nail gun, a combustion nail gun, and a motor driven nail gun.
41. The adjustable angle nail gun of claim 29, wherein the adjustable angle nail gun

further comprises a clutch assembly.

42. An adjustable angle nail gun, comprising:

a handle including a first end and a second end, the second end coupled with a fastening assembly;

a nail driving assembly coupled with the first end of the handle, the nail driving assembly including a driver blade, the nail driving assembly for driving a nail;

an adjustable angle nose casting assembly coupled with the nail driving assembly, the adjustable angle nose casting assembly for receiving the nail and enabling the operational engagement of the driver blade with the nail;

an adjustable angle magazine including a side, a first end coupled with a universal adapter assembly for pivotally coupling with the adjustable angle nose casting assembly, and an adjustment assembly disposed proximal to a second end of the adjustable angle magazine, the adjustment assembly for coupling with the fastening assembly, the adjustable angle magazine for storing and providing the nail to the adjustable angle nose casting assembly; and

a side loading mechanism disposed on a side of the adjustable angle magazine, the side loading mechanism for enabling the loading of the nails,

wherein the side loading mechanism enables the loading of the nails through the side of the adjustable angle magazine.

43. The adjustable angle nail gun of claim 42, further comprising a lockout assembly for hindering the nail driving assembly from operating.

44. The adjustable angle nail gun of claim 43, wherein the lockout assembly is a trigger lockout assembly.

45. The adjustable angle nail gun of claim 43, wherein the lockout assembly is a cover lockout assembly.

46. The adjustable angle nail gun of claim 42, wherein the adjustable angle magazine further comprises a pick-off pivot assembly.
47. The adjustable angle nail gun of claim 42, wherein the adjustable angle magazine further comprises an articulating pusher assembly.
48. The adjustable angle nail gun of claim 42, wherein the adjustable angle magazine further comprises a nail checker assembly.
49. The adjustable angle nail gun of claim 42, wherein the adjustable angle magazine further comprises a nail lockout assembly.
50. The adjustable angle nail gun of claim 42, wherein the adjustable angle magazine further comprises a nail spacing verification assembly.
51. The adjustable angle nail gun of claim 42, wherein the adjustable angle magazine further comprises a nail shank pawl assembly.
52. The adjustable angle nail gun of claim 42, wherein the adjustable angle magazine further comprises a pinion nail verification assembly.
53. The adjustable angle nail gun of claim 42, wherein the adjustable angle nail gun is selected from the group consisting of a spring-loaded nail gun, a pneumatic nail gun, an electro-magnetic nail gun, a combustion nail gun, and a motor driven nail gun.
54. The adjustable angle nail gun of claim 42, wherein the adjustable angle nail gun further comprises a clutch assembly.